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Patent and Trademark Office**
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NOVEMBER 25, 1996

BLAKELY, SOKOLOFF, TAYLOR & ZAFARANI
BRADLEY J. BEREZNAK
12400 WILSHIRE BLVD.
7TH FLOOR
LOS ANGELES, CA 90025

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BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN
LOS ANGELES
UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231

RECORDATION DATE: 06/27/1996

REEL/FRAME: 8132/0141
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS)

ASSIGNOR:
DULONG, CAROLE

DOC. DATE: 01/18/1996

ASSIGNOR:
KOWASHT EITICHI

DOC. DATE: 01/31/1996

ASSIGNOR:
FISCHER STEPHEN A

DOC. DATE: 04/30/1986

ASSIGNOR:
MENNEMETER LARRY M.

DOC. DATE: 03/28/1996

ASSIGNOR:
BELEG ALEXANDER D.

DOC DATE: 02/29/1996

ASSIGNOR:
MAYTAI BENNY

DOC. DATE: 01/21/1996

ASSIGNOR:
DUI TUAN HU

ASSIGNOR:
EITAN, BENNY

DOC DATE: 01/23/1996

ASSIGNOR:
MITTAL, MILLIND

DOC DATE: 01/21/1996

ASSIGNEE:
INTEL CORPORATION
2200 MISSION COLLEGE BLVD.
SANTA CLARA, CALIFORNIA 95052

SERIAL NUMBER: 08578829
PATENT NUMBER:

FILING DATE: 12/26/1995
ISSUE DATE:

DOROTHY RILEY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



FORM PTO-150
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)
Tab settings ➡ ➡ ➡

To the Honorable Commissioner of Patent

1. Name of conveying party(ies):

Carole Dulong Larry M. Mennemeier Tuan H. Bui
Eiichi Kowashi Alexander D. Peleg Benny Eitan
Stephen A. Fischer Benny Maytal Millind Mittal

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: _____

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

08/578,829

B. Patent No.(s)

75331 U.S. PTO

09/17/96

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Blakely, Sokoloff, Taylor & Zafman

Internal Address: _____

Street Address: 12400 Wilshire Blvd.

7th Floor

City: Los Angeles State: CA ZIP: 90025

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41).....\$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

02-2666

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Bradley J. Bereznak

Name of Person Signing

Signature

6/25/96

Date

Total number of pages comprising cover sheet, attachments, and document:

8

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

Attorney Docket No.: 42390.P3366

LJV/ccm (01/31/96)

A S S I G N M E N T

(For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, _____, the undersigned, Carole Dulong, Larry M. Mennemeier, Tuan H. Bui, Eiichi Kowashi, Alexander D. Peleg, Benny Etan, Stephen A. Fischer, Benny Maytal, and Millind Mittal hereby sell, assign, and transfer to Intel Corporation a corporation of Delaware having a principal place of business at 2200 Mission College Boulevard, Santa Clara, CA 95052, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled

A SYSTEM FOR SIGNAL PROCESSING USING MULTIPLY-ADD OPERATIONS

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

Jan 18 1996
Date

2-29 1996
Date

19
Date

1/21 1996
Date

Carole Dulong
Name: Carole Dulong

Larry M. Mennemeier
Name: Larry M. Mennemeier

Tuan H. Bui
Name: Tuan H. Bui

Eiichi Kowashi
Name: Eiichi Kowashi

Alexander D. Peleg
Name: Alexander D. Peleg

Benny Etan
Name: Benny Etan

Stephen A. Fischer
Name: Stephen A. Fischer

Benny Maytal
M. J. Maytal
Name: Benny Maytal

Millind Mittal
Name: Millind Mittal

**Each Inventor: Please
also list the date that
you signed the
accompanying
DECLARATION AND
POWER OF ATTORNEY:**

Jan 18 1996
Date

2-29 1996
Date

19
Date

1/21 1996
Date

ASSIGNMENT

(For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, _____,
the undersigned, Carole Dulong, Larry Mennemeier, Tuan H. Bui, Eiichi Kowashi, Alexander D. Palec, Benny Eitan,
Stephen A. Fischer, Benny Maytal, and Milind Mittal
hereby sell, assign, and transfer to Intel Corporation,
a corporation of Delaware, having a principal place of business at _____,
2200 Mission College Boulevard, Santa Clara, CA 95052, ("Assignee"),
and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all
foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent
that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is
entitled _____

A SYSTEM FOR SIGNAL PROCESSING USING MULTIPLY-ADD OPERATIONS

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

United States application...
agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

successors, assigns, and legal representatives, and
covenant with said Assignee, its successors, assigns, and legal representatives that no assignment,
grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to
others by the undersigned, and that full right to convey the same as herein expressed is possessed by the
undersigned.

Each Inventor: Please Sign and Date Below:

Date	19	Name: Carole Dulong
Date	19	Name: Larry Mennemeier
<u>Jan 24</u>	<u>19</u>	<u>Tuan H. Bui:</u>
Date	19	Name: Tuan H. Bui
Date	19	Name: Eiichi Kowashi
Date	19	Name: Alexander D. Peleg
Date	19	Name: Benny Eitan
Date	19	Name: Stephen A. Fischer
Date	19	Name: Benny Maytal
Date	19	Name: Millind Mittal

**Each Inventor: Please
also list the date that
you signed the
accompanying
DECLARATION AND
POWER OF ATTORNEY:**

19 _____ Date
19 _____ Date
Jan 24, 19⁹⁶
Date
19 _____ Date

ASSIGNMENT
(For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, _____,
the undersigned, Carole Dulong, Larry M. Mennemeier, Tuan H. Bui, Eiichi Kowashi, Alexander D. Peleg, Benny
Eitan, Stephen A. Fischer, Benny Maytal, and Millind Mittal,
hereby sell, assign, and transfer to Intel Corporation,
a corporation of Delaware, having a principal place of business at _____,
2200 Mission College Boulevard, Santa Clara, CA 95052, ("Assignee"),
and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all
foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent
that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is
entitled _____.

A SYSTEM FOR SIGNAL PROCESSING USING MULTIPLY-ADD OPERATIONS

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

United States application, agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

Each Inventor: Please Sign and Date Below:

_____, 19_____	Date	Name: Carole Dulong
_____, 19_____	Date	Name: Larry M. Mennermeier
_____, 19_____	Date	Name: Tuan H. Bui
1/24, 1996	Date	<i>Eiichi Kowashi</i> Name: Eiichi Kowashi
_____, 19_____	Date	Name: Alexander D. Peleg
_____, 19_____	Date	Name: Benny Eitan
_____, 19_____	Date	Name: Stephen A. Fischer
_____, 19_____	Date	Name: Benny Maytal
_____, 19_____	Date	Name: Millind Mittal

Each Inventor: Please
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you signed the
accompanying
DECLARATION AND
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Each Inventor: Please
also list the date that
you signed the
accompanying
**DECLARATION AND
POWER OF ATTORNEY:**

_____, 19 _____
Date

_____, 19 _____
Date

_____, 19 _____
Date

1/24, 19 96

Date

_____, 19 _____
Date

A S S I G N M E N T

(For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, _____, the undersigned, Carole Dulong, Larry M. Mennemeier, Tuan H. Bui, Eiichi Kowashi, Alexander D. Peleg, Benny Eitan, Stephen A. Fischer, Benny Maytal, and Millind Mittal, hereby sell, assign, and transfer to Intel Corporation, a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, CA 95052, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled

A SYSTEM FOR SIGNAL PROCESSING USING MULTIPLY-ADD OPERATIONS

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

I agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

<u> </u> , 19 <u> </u>	Date	Name: Carole Dulong
<u> </u> , 19 <u> </u>	Date	Name: Larry M. Mennemeier
<u> </u> , 19 <u> </u>	Date	Name: Tuan H. Bui
<u> </u> , 19 <u> </u>	Date	Name: Eiichi Kowashi
<u>23 January 1996</u>	Date	<u>A. Peleg</u> Name: Alexander D. Peleg
<u>23 Jan 1996</u>	Date	<u>J. Eitan</u> Name: Benny Eitan
<u> </u> , 19 <u> </u>	Date	Name: Stephen A. Fischer
<u> </u> , 19 <u> </u>	Date	Name: Benny Maytal
<u> </u> , 19 <u> </u>	Date	Name: Millind Mittal

Each Inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY:

<u> </u> , 19 <u> </u>	Date
<u> </u> , 19 <u> </u>	Date
<u> </u> , 19 <u> </u>	Date
<u> </u> , 19 <u> </u>	Date
<u>23 January 1996</u>	Date
<u>23 Jan 1996</u>	Date
<u> </u> , 19 <u> </u>	Date
<u> </u> , 19 <u> </u>	Date
<u> </u> , 19 <u> </u>	Date

ASSIGNMENT

(For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, _____
the undersigned, Carole Dulong, Larry Mennemeier, Tuan H. Bui, Eiichi Kowashi, Alexander D. Peleg, Benny Eitan,
Stephen A. Fischer, Benny Maytal, and Millind Mital _____

hereby sell, assign, and transfer to Intel Corporation

a corporation of Delaware, having a principal place of business at

2200 Mission College Boulevard, Santa Clara, CA 95052, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled

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United States application; agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

Each Inventor: Please
also list the date that
you signed the
accompanying
**DECLARATION AND
POWER OF ATTORNEY:**

Each Inventor: Please Sign and Date Below:

_____	, 19_____	Name: Carole Dulong
_____	, 19_____	Name: Larry Mennemeier
_____	, 19_____	Name: Tuan H. Bui
_____	, 19_____	Name: Eiichi Kowashi
_____	, 19_____	Name: Alexander D. Peleg
_____	, 19_____	Name: Benny Eitan
4/26	, 19 ⁷⁶	 Name: Stephen A. Fischer
_____	, 19_____	Name: Benny Maytal
_____	, 19_____	Name: Millind Mittal

Each Inventor: Please
also list the date that
you signed the
accompanying
**DECLARATION AND
POWER OF ATTORNEY:**

_____, 19_____
Date

4/26, 1996
_____, 19_____
Date

_____, 19_____
Date

_____, 19_____
Date

ASSIGNMENT
(For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, _____,
the undersigned, Carole Dulong, Larry M. Mennemeier, Tuan H. Bui, Eiichi Kawashi, Alexander D. Peleg, Benny
Eitan, Stephen A. Fischer, Benny Mavtal, and Milind Mittal
hereby sell, assign, and transfer to Intel Corporation
a corporation of Delaware, having a principal place of business at _____
2200 Mission College Boulevard, Santa Clara, CA 95052 ("Assignee").
and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all
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that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is
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A SYSTEM FOR SIGNAL PROCESSING USING MULTIPLY-ADD OPERATIONS

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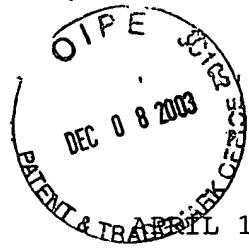
agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

successors, assigns, and legal representatives, and
covenant with said Assignee, its successors, assigns, and legal representatives that no assignment,
grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to
others by the undersigned, and that full right to convey the same as herein expressed is possessed by the
undersigned.

Each Inventor: Please Sign and Date Below:

Jan 18	19 96	Carole Dulong
Date		Name: Carole Dulong
2-29	19 96	Larry M. Mennemeyer
Date		Name: Larry M. Mennemeyer
	19	
Date		Name: Tuan H. Bui
	19	
Date		Name: Eiichi Kowashi
	19	
Date		Name: Alexander D. Peleg
	19	
Date		Name: Benny Eitan
	19	
Date		Name: Stephen A. Fischer
1/18/1	19 56	Benny Maytal
Date		Name: Benny Maytal
1/21	19 96	Millind Mittal
Date		Name: Millind Mittal

**Each Inventor: Please
also list the date that
you signed the
accompanying
DECLARATION AND
POWER OF ATTORNEY:**



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APRIL 18, 2001

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN
WILLIAM THOMAS BABBITT
112400 WILSHIRE BOULEVARD, SUITE 900
LOS ANGELES, CA 90025

ENTERED

APR 27 2001

RECEIVED
CORRECTED
NOTICE



101647821A

42390 P8657
Intel
BT

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/15/2000

REEL/FRAME: 011365/0917
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
CHEN, YEN-KUANG

DOC DATE: 11/10/2000

ASSIGNOR:
YU, NICHOLAS H.

DOC DATE: 11/02/2000

RECEIVED

DEC 10 2003

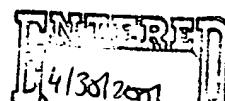
Technology Center 2100

ASSIGNEE:
INTEL CORPORATION
2200 MISSION COLLEGE BOULEVARD
SANTA CLARA, CALIFORNIA 95052

SERIAL NUMBER: 09676556
PATENT NUMBER:

FILING DATE: 09/30/2000
ISSUE DATE:

DOROTHY BASMA, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



04-17-2001

12.15.00

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

FORM PTO-1595

(Rev. 8-93)
OMB No. 0651-0011 (exp. 4/94)

Recordation

PATENTS ONLY

101647821

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Yen-Kuang Chen; Nicholas H. Yu

2. Name and address of receiving party(ies):

Name: Intel Corporation

Internal Address: _____

Additional name(s) of conveying party(ies) attached?

 No Yes

3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Street Address: 2200 Mission College Boulevard

City: Santa Clara State: CA ZIP: 95052

Additional name(s) & address(es) attached? No Yes

Execution Date: 11/10/00, 11/02/00

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is _____

A. Patent Application No.(s)

09/676,556

Additional numbers attached?

B. Patent No. _____

DEC 15 2000

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Blakely, Sokoloff, Taylor & Zafman

Internal Address: _____

Street Address: 12400 Wilshire Boulevard, 7th Floor

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6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41).....\$ 40.00

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Date

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Attorney Docket No. 042380.P8657
(5/27/1997)

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40.00 OP

PATENT
REEL: 011365 FRAME: 0917

Attorney's Docket No.: 042390.P8657

ASSIGNMENT
(For Execution After Filing Patent
Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned:

Yen-Kuang Chen; Nicholas H. Yu

hereby sell, assign, and transfer to:

Intel Corporation

a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California 95052, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that was filed September 30, 2000, and assigned Application No. 09/676,556 and is entitled:

**AN EFFICIENT IMPLEMENTATION OF N-POINT DCT, N-POINT IDCT,
SA-DCT AND SA-IDCT ALGORITHMS**

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

Date:

Name: Yen-Kuang Chen

2 Nov 2000

Nicholas H. Xu

Date:

Name:

Assignment Document Return Address:
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Telephone: (310) 207-3800

Each Inventor, Please Sign and Date Below:

11/10/00

Date:

Yen-Kuang Chen

Name: Yen-Kuang Chen

Date:

Name: Nicholas H. Yu

Date:

Name: _____

Date:

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